

NETWORKED MAGNETIC RESONANCE IMAGING SYSTEM AND METHOD INCORPORATING SAME

Abstract of Disclosure

The present technique provides a system and method for controlling, communicating with, and generally managing imaging subsystems and peripheral devices. The technique is applicable to a wide range of imaging systems, but is particularly well suited to complex imaging systems used in the medical diagnostics field. In the field of medical diagnostic imaging systems, the technique has particular promise for controlling, communicating with, and generally managing subsystems and devices in MRI systems, CT systems, x-ray systems, PET systems, and so forth. In a general sense, the technique facilitates more efficient and reliable communication with the subsystems and peripheral devices of the medical imaging system. For example, the present technique may use a CAN or CAN OPEN network architecture to provide uniform communication with the subsystems and peripheral devices and to provide a variety of operational checks to ensure the operational reliability of the imaging system.

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Figures

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